

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>P17107 USPC</b> U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.52) <b>107510052</b>
INTERNATIONAL APPLICATION NO. <b>PCT/NO03/00106</b>	INTERNATIONAL FILING DATE <b>28 March 2003</b>	PRIORITY DATE CLAIMED <b>9 April 2002</b>
TITLE OF INVENTION <b>A system and method for position determination of objects</b>		
APPLICANT(S) FOR DO/EO/US <b>Sverre Holm, Rune Holm, Ole Hovind</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (8) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☒ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto.
  - ☒ has been previously submitted under 35 U.S.C. 154(d)(4). **by the IB**
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☐ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☒ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
- ☐ Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.451-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. <b>10/510052</b> (37 CFR 1.53) INTERNATIONAL APPLICATION NO. <b>PCT/NO03/00106</b> ATTORNEY'S DOCKET NUMBER <b>P17107 USPC</b>	CALCULATIONS PTO USE ONLY				
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b> Neither International preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>			\$ <b>1080</b>		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$		
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	<b>\$</b>	
Total claims	<b>13</b> - 20 =		X \$18.00	\$	
Independent claims	<b>4</b> - 3 =	<b>1</b>	X \$86.00	\$ <b>86</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ <b>1166</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ <b>(583)</b>	
<b>SUBTOTAL =</b>				\$ <b>583</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ <b>583</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ <b>583</b>	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>501898</b> in the amount of \$ <b>583</b> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>501898</b> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTC-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: <b>Christian D. Abel cust no 29078</b> <b>Onsager 15</b> <b>Pb 6963 St. Olavs plass</b> <b>0130 Oslo, Norway</b>					
				SIGNATURE <b>Christian D. Abel</b>	
				NAME <b>43 455</b>	
				REGISTRATION NUMBER	

DT07 Rec'd PCT/PTO 0 1 OCT 2004

10/510052

The PTO did not receive the following  
listed item(s) *No Post card*



10/510052CT  
DT04 Rec'd PCT/PTO 01 OCT 2004

United States Patent and Trademark Office  
220 20<sup>th</sup> Street  
Customer Window  
Crystal Plaza Two, Lobby, Rm 1B03  
Arlington, VA 22202  
USA

onsagers

Our ref.: P17107USPC  
Christian D. Abel

Your ref.:

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**ONSAGERS AS**  
Universitetsgt. 7  
Pb. 6963 St. Olavs Plass  
0130 Oslo  
Tlf: (+47) 23 32 77 00  
Fax: (+47) 23 32 77 01  
post@onsagers.no

Application serial no.: National Stage of PCT/NO03/00106  
Inventor: Sverre Holm, Rune Holm and Ole Hovind  
For: A system and method for position determination of objects  
Group No.:  
Examiner:  
Attorney docket no.: P17107USPC

**ONSAGERS VEST**  
Dreggsallmeningen  
10-12  
P.B. 120 BG Sandviken  
5812 Bergen  
Tlf: (+47) 55 21 05 60  
Fax: (+47) 55 21 05 61  
vest@onsagers.no

Sir:

Please find enclosed for filing:

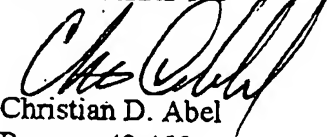
- Transmittal form PTO-1390
- Declaration of the inventors
- Power of attorney

**ONSAGERS NORD**  
Søndre Tollbodgt. 3a  
9008 Tromsø  
Tlf: (+47) 77 67 05 00  
Fax: (+47) 77 67 04 99  
nord@onsagers.no

Please charge the appropriate National Fee, and any and all necessary fees during the pendency of this application to deposit account 501898.

**ONSAGERS Ltd.**  
Charles House  
5 Regent Street  
London SW1Y 4LR  
UK  
Tel:  
+44 (0) 20 78 39 74 07  
Fax:  
+44 (0) 20 78 39 64 46  
mail@onsagers.com

Respectfully submitted,  
**ONSAGERS AS**

  
Christian D. Abel  
Reg no. 43,455  
Cust. No. 29078